

REMARKS

Claims 1-5, 7-10, 12-16, and 18-27 remain in the application for consideration of the Examiner.

Reconsideration and withdrawal of the outstanding rejections and objections are respectfully requested in light of the above amendments and following remarks.

The drawings were objected to.

The Examiner alleges that the motor coil item 39 and node 62 are either not shown or confusing with respect to the drawings.

By the instant amendment, the specification has been amended to remove the references to the drawings.

It is respectfully submitted that the drawings are now in full compliance with 37 CFR 1.84 and no corrected drawing sheets are now required.

Claims 1-5, 7-10, 12-16, and 18-27 were rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with a written description requirement.

The Examiner alleges that the claims contain subject matter which is not described in the specification.

This appears to be a continuation of the objection to the drawings.

Applicants respectfully submit that the alleged offending subject matter is described in the background of the invention and consequently in no way relates to the claimed invention.

Additionally, Claims 1-5, 7-10, 12-26, and 18-27 were rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with an enablement requirement.

Again, the Examiner refers to item 39 on page 2 of the specification. However, since this again refers to the background of the invention the relationship to the claimed invention is questioned.

Applicants respectfully submit that the enablement for the claimed invention can be found under the Detailed Description of the Preferred Embodiment.

It is respectfully submitted that Claims 1-5, 7-10, 12-16, and 18-27 are in full compliance with 35 U.S.C. § 112 and satisfies both the written description requirement and the enablement requirement.

Claims 1-5, 7-10, 12-16, and 18-27 were rejected under 35 U.S.C. § 102 as being anticipated by Pedrazzini.

These rejections are respectfully traversed.

It is respectfully submitted that Pedrazzini does not disclose or suggest the presently claimed invention including a circuit to terminate the driving current and a circuit to create a magnetic field to oppose eddy currents established in structures adjacent to the coil by the driving current in independent Claim 1, a circuit to determine a BEM voltage after termination of the driving current and a circuit to generate a magnetic field to oppose eddy current established in structures adjacent to the coil by the driving current in independent Claim 7, a circuit to determine the velocity of the head assembly after termination of the driving current and a circuit to create a magnetic field that opposes eddy current established in structures adjacent to the coil by the driving current in independent Claim 12, albeit defined as the method steps of terminating the driving current and applying a current the coil magnitude and direction to cancel eddy currents and structures adjacent to the coil in independent Claim 18 and as defined as

determining when the driving current has been terminated and as activating selected VCM coil driver transistors to create a magnetic field to oppose eddy current established in structures adjacent to the coil by the driving currents in independent Claim 23.

The Examiner alleges that Pedrazzini discloses a method for determining velocity, a circuit to terminate the driving coil and a circuit to apply the coil current to the same coil and circuit for measuring BEF and velocity.

However, Pedrazzini discloses nothing with respect to generating a magnetic field to oppose eddy currents established in structures adjacent to the coil as recited above claimed subject matter.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



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